

# Manhole Inspection Summary

Manhole # S25M\_\_028MH

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**Inspection** ☐ Is Incomplete Rating: **4) Poor**

Record Plat: **25M** Node: **028** Status: **Found**

Insp Date: **3/11/08 1:18 PM**

Incomplete Comments

Crew: **DH/FW**  
Inspector: **dhinton**  
Firm: **PER**

**Location** Address: **S.CAREY ST.**

Cross Street: **HERKIMER ST.**

**Manhole** Type: **Inline** Location: **Roadway** Ground Conditions: **Dry**

☐ Prev. Rehab Weather: **Dry** Subject To Ponding: **None**

Comments

**Cover** Shape: **Circular** Diameter: **25.** (in.) Length: **0** (in.) Dist A/B Grade: **0** (in.)  
**5**

Type: **Sanitary** Condition: **Sound** Cover Material: **Cast Iron**

Properties: ☐ Bolted ☒ Vented ☐ Water Tight ☐ Water Tight Insert

**Frame** Offset: **0** (in.) Condition: ☒ Sound ☐ Cracked ☐ Leaks

**Chimney / Frame Adjustment** ☒ Exists Material: **Brick** ☐ Parged Height: **5** (in.)

Condition: ☐ Sound ☒ **Cracked** ☐ Root Intrusion ☒ **Loose Brick** ☒ **Deteriorated**

Infiltration: ☐ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☒ **Wall**

**Corbel** Material: **Brick** ☐ Parged Type: **Concentric/Eccentric**

Condition: ☐ Sound ☒ **Cracked** ☐ Root Intrusion ☐ Loose Brick ☒ **Deteriorated**

Infiltration: ☐ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☒ **Wall**

**Barrel** Material: **Brick** ☐ Parged

Shape: **Circular** Diameter: **42** (in.) Length: **0** (in.)

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☒ **Deteriorated**

Infiltration: ☐ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☒ **Wall**

**Bench** ☒ Exists Material: **Brick** ☐ Parged

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

**Channel** Material: **Brick** ☐ Parged

Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth: **0**

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

**Steps** Count: **10** Missing: **0** ☒ **Corroded**

**Surcharge** ☒ **Evidence Of Surcharge** Depth: **10** (ft.) ☐ Active Surcharge Present

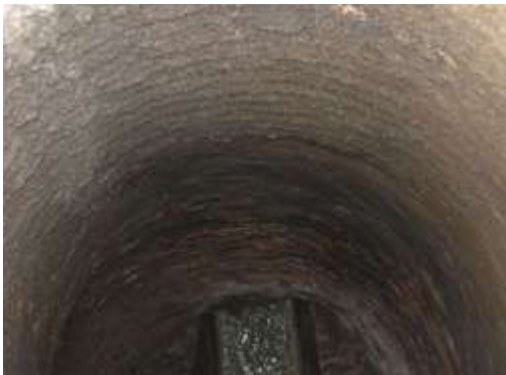
Location View



Top View



Additional Defect 2



MUD ON CORBEL WALL AND  
INFILTRATION IN BARREL

Additional Defect



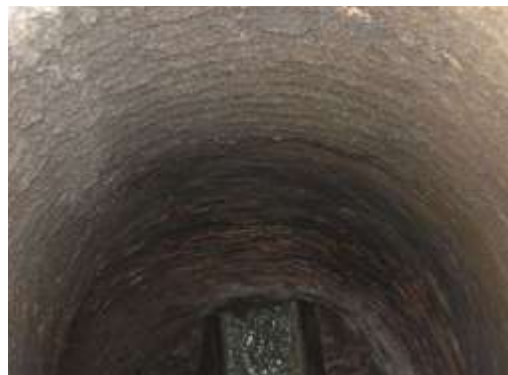
EVIDENCE OF SURCHARGE ON  
STEPS

Defect 7



EVIDENCE OF INFILTRATION MUD AT  
THE CHIMNEY AND CORBEL MISSING  
MORTAR

Defect 6



MUD ON CORBEL WALL AND  
INFILTRATION IN BARREL

Defect 2



EVIDENCE OF SURCHARGE ON STEPS

Defect 5



CORBEL WALL COVERED WITH MUD/EVIDENCE OF INFILTRATION

Defect 4



EVIDENCE OF INFILTRATION AT CHIMNEY TO CORBEL MUD DEPOSITS, Chimney has loose bricks,

Defect 3



DETERIORATED CORBEL WITH EVIDENCE OF SURCHARGE ON STEPS

Defect 1



DETERIORATED BARREL

## Manhole Inspection Summary

Manhole # S25M\_\_028MH

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18 in. Circular Gravity Sewer  
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



Pipe Height: **18** (in.) Rod and Bar (Angled)  
Pipe Material: **Clay** ☐ Pipe Lined  
Invert Depth: **15.90** (ft.) Flow Characteristics: **Turbulent**  
Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease  
Silt Depth: **0** (in.) Deposits Extent:  
Infiltration: **Evidence** Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

18 in. Circular Gravity Sewer  
Pipe In @ 5 O'Clock

5 O'Clock Inflow



Pipe Height: **18** (in.) Rod and Bar (Angled)  
Pipe Material: **Clay** ☐ Pipe Lined  
Invert Depth: **15.90** (ft.) Flow Characteristics: **Turbulent**  
Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease  
Silt Depth: **0** (in.) Deposits Extent:  
Infiltration: **Evidence** Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection